



09/26/03

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PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Naoya Hasegawa, Eiji Umetsu, Masamichi Saito and Yosuke Ide for Magnetic Sensor Having Free Layer Additionally Provided With Magnetic Anisotropy by Shape Anisotropy.

Enclosed are:

- ☒ Preliminary Amendment
- ☒ 85 pages of application (including title page and Abstract), 20 sheets of formal drawings and the following Appendices: n/a
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to: Alps Electric Co., Ltd.
- ☒ Submission of Certified Copies of Priority Documents and certified copies of Japanese Application Nos. 2002-293365 and 2003-048727
- ☒ Information Disclosure Statement, PTO-1449, and references A1-A4

Claims as Filed	Col. 1	Col. 2	Small Entity		or	Other Than Small Entity	
For	No. Filed	No. Extra	Rate	Fee		Rate	Fee
Basic Fee				\$ 370	or		\$ 750
Total Claims	16-20	0	x\$9=	\$	or	x\$18=	\$
Indep. Claims	1-3	0	x\$42=	\$	or	x\$84=	\$
Multiple Dependent Claims Present			+\$140=	\$	or	+\$280=	\$
*If the difference in col. 1 is less than zero, enter "0" in col. 2.			Total	\$	or	Total	\$750

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$_____. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$750.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - ☒ Any additional filing fees required under 37 CFR § 1.16.
 - ☒ Any patent application processing fees under 37 CFR § 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - ☐ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
 - ☐ Any patent application processing fees under 37 CFR § 1.17.
 - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date

9/26/03

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